| In | dex | of C | laims |  |
|----|-----|------|-------|--|
|    |     |      |       |  |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/690,393              | SQUIRE ET AL.                           |
| Examiner                | Art Unit                                |
| Salad E. Abdullahi      | 2157                                    |

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|       |   |                  |              |   |          |          | ļ  |          |  | <u> </u>       |
|-------|---|------------------|--------------|---|----------|----------|--|----------|--|----------------|
|       |   | 1                |              |   |          |          |  |          |  |                |
| Cla   | im y  | L^               | _            | _   | [        | Date     | ₽  | 1        |  |                |
| Final | Original  | 50/28/97 7777777 |              |   |          |          |  |          |  |                |
|       | 1   | 7                | _            | ├   |          | $\vdash$ | $\vdash$   | ╟        | $\vdash$   | -              |
|       | 1<br>2<br>3<br>4<br>5<br>6  | ij               | <del> </del> | <del> </del>  | ├        | $\vdash$ | $\vdash$   | ├        | -  | -              |
|       | 3   | j                | -            | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$   | _        |  | -              |
|       | 4   | j                | _            | $\vdash$  |          |          |  | l —      |  |                |
|       | 5   | 1                |              | ┢   |          |          |  | Т        |  | П              |
|       | 6   | 1                |              |   |          |          |  |          |  |                |
|       | 7   | 7                |              |   |          |          |  |          |  |                |
|       | 8   | V                |              |   |          |          |  |          |  |                |
|       | 9   | J                |              |   |          |          |  | ·        |  |                |
|       | 10  | J.               | _            |   |          |          |  | <u> </u> | <u> </u>   |                |
| _     | 11  | 1                |              |   |          |          |  | _        | <u> </u>   |                |
|       | 12  | 1                |              |   |          |          | ļ  | _        | <u> </u>   |                |
|       | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27 | 1010101          |              | $\vdash$  | _        | _        | _  | _        | -  | H              |
|       | 14  | 1                | _            | $\vdash$  | _        |          |  | <u> </u> | -  |                |
|       | 15  | 7                | _            |   |          |          | -  |          | -  |                |
|       | 17  | 1                | _            | $\vdash$  | $\vdash$ | -        | <del> </del>                                     | -        | $\vdash$   |                |
|       | 18  | +                | ┝            | $\vdash$  | $\vdash$ |          | <del>                                     </del> | $\vdash$ | $\vdash$   |                |
|       | 19  | +                | $\vdash$     |   |          | -        | <u> </u>   | -        |  |                |
|       | 20  | 1                | $\vdash$     | ╌   |          |          |  | H        | <del>                                     </del> |                |
|       | 21  | 777              | $\vdash$     |   |          |          |  |          |  |                |
|       | 22  | J,               |              |   |          |          |  |          |  |                |
| •     | 23  | J                |              |   |          |          |  |          |  |                |
|       | 24  |                  |              |   |          |          |  |          |  |                |
|       | 25  |                  |              |   |          |          |  |          |  |                |
|       | 26  |                  |              |   | <u> </u> |          |  |          |  |                |
|       | 27  |                  | _            | $ldsymbol{ld}}}}}}$ |          | _        | ļ  |          | <u> </u>   |                |
|       | 28  | <u> </u>         |              | _   |          |          |  | _        | <u> </u>   |                |
|       | 29  | <u> </u>         |              |   |          | _        |  |          |  |                |
|       | 30  |                  |              |   |          |          |  |          |  |                |
|       | 31  |                  | T            | 1 127   | 1        |          | 16.0   |          | 111  | 9 - 11         |
|       | 32  | <del> </del>     |              |   | _        |          | _  | _        |  |                |
|       | 34  |                  |              |   |          |          |  |          |  | -              |
|       | 35  |                  |              |   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |  | $\vdash$       |
|       | 36  |                  |              |   | $\vdash$ | $\vdash$ |  |          |  | $\vdash$       |
|       | 37  |                  |              |   |          |          |  |          |  |                |
|       | 38  |                  |              |   |          |          |  |          |  |                |
|       | 39  |                  |              |   |          |          |  |          |  |                |
|       | 40  |                  |              |   |          |          |  |          |  |                |
| -     | 41  |                  |              | 3 - 4   | 114      | 17.12    |  |          |  | Figure         |
|       | 42  |                  |              |   |          |          |  |          |  |                |
|       | 43  |                  |              |   | <u> </u> |          | <u> </u>   |          |  |                |
|       | 44  |                  |              |   | L        |          |  |          |  | $\sqcup$       |
|       | 45  |                  |              |   |          | <b> </b> |  |          |  | Ш              |
|       | 46  | <u> </u>         |              |   | <u> </u> | $\vdash$ |  |          |  |                |
|       | 47  | ļ                |              |   | <u> </u> | $\vdash$ | _  | -        | -  | $\vdash\vdash$ |
|       | 48  | <u> </u>         |              |   | <u> </u> | $\vdash$ |  |          |  | $\vdash$       |
|       | 49  | <u> </u>         |              |   | <u> </u> | $\vdash$ | _  |          | <u> </u>   | Ь              |

| Cla      | aim                              |  |          | _  | r            | Date     |  |               |                |          |
|----------|----------------------------------|--|----------|--|--------------|----------|--|---------------|----------------|----------|
|          |                                  | -  |          | Ī  |              |          | ř  | $\overline{}$ |                | _        |
| Final    | Original                         |  |          |  |              |          |  |               |                | ,        |
|          | 51                               | $\vdash$   | _        |  |              |          |  |               |                | _        |
|          | 52                               |  |          |  |              |          |  |               |                |          |
|          | 53.                              |  |          |  |              |          |  |               |                |          |
|          | 54                               |  |          |  |              |          |  |               |                |          |
|          | 55                               |  |          |  |              |          |  |               |                |          |
|          | 56<br>57                         |  |          | _  | <u>L</u> .   | <u> </u> |  | <u> </u>      |                |          |
|          | 57                               |  |          |  | <u> </u>     | _        | ļ  | <u> </u>      |                |          |
|          | 58                               |  |          | <u> </u>   | <u> </u>     | _        | ļ  | <u> </u>      |                | _        |
|          | 59                               |  | <u> </u> | <u> </u>   |              | ┡        | <u> </u>   | <u> </u>      | <u> </u>       | <u> </u> |
| <u> </u> | 60                               |  |          |  | <del> </del> |          | $\vdash$   | ⊢             | $\vdash$       | $\vdash$ |
|          | 63                               | -  |          | _  |              | ┢        | <u> </u>   | ┝             | <u> </u>       | -        |
| $\vdash$ | 61<br>62<br>63                   | $\vdash$   |          | <del>                                     </del> |              | $\vdash$ | _  | $\vdash$      | $\vdash$       | _        |
|          | 64                               |  | <b></b>  | -  | $\vdash$     | $\vdash$ | <del>                                     </del> | $\vdash$      | <del>  -</del> | -        |
|          | 65                               |  |          | $\vdash$   | $\vdash$     | H        |  | $\vdash$      |                |          |
|          | 65<br>66                         |  |          |  | ┢            | ┢        |  | $\vdash$      |                |          |
|          | 67                               |  |          |  |              |          |  |               |                |          |
|          | 68                               |  |          |  |              | l        |  |               |                |          |
|          | 69                               |  |          |  |              |          |  |               |                |          |
|          | 70                               |  |          |  |              |          |  |               |                |          |
|          | 71                               |  |          |  |              |          |  |               |                |          |
|          | 72                               |  |          |  |              |          |  |               |                |          |
|          | 69<br>70<br>71<br>72<br>73<br>74 | _  | _        |  |              |          | <u> </u>   | <u> </u>      |                |          |
|          | 74                               |  |          |  | <u> </u>     | ļ        | <u> </u>   | <u> </u>      |                |          |
|          | 75                               |  |          | _  | _            |          | <u> </u>   | <u> </u>      | _              |          |
| <b></b>  | 76                               |  |          | -  | <u> </u>     | <u> </u> | _  | l—            | _              |          |
| <u> </u> | 77<br>78                         |  | _        | -  | _            | ┞        | $\vdash$   |               |                |          |
|          | 79                               | -  | <u> </u> | $\vdash$   |              | -        |  |               |                |          |
|          | 80                               |  |          | ┢  |              |          |  |               |                |          |
| 1300     | 81                               |  |          |  | / a 1        |          |  |               |                |          |
|          | 82                               |  |          |  |              |          |  |               |                |          |
| Ŷ        | 83                               |  |          |  |              |          |  |               |                |          |
|          | 84                               |  |          |  |              |          |  |               |                |          |
|          | 85                               |  |          |  |              |          |  |               |                |          |
|          | 86                               |  |          |  |              |          |  |               |                |          |
|          | 87                               |  |          | _  |              | _        |  |               |                |          |
|          | 88                               | _  |          | _  |              | _        | _  |               |                |          |
|          | 89                               |  |          | -  |              | _        | <u> </u>   |               |                |          |
|          | 90                               |  | 100      | A2-11  |              |          |  |               |                |          |
|          | 91<br>92                         | -  |          | _  |              | -        |  |               |                |          |
|          | 93                               |  |          | -  |              |          |  |               |                |          |
|          | 94                               | <del>                                     </del> |          | <u> </u>   |              |          |  |               |                |          |
| <b> </b> | 95                               |  | -        | <del> </del>                                     | $\vdash$     |          | $\vdash$   | -             | -              |          |
|          | 96                               |  |          | <del>                                     </del> |              |          |  |               |                |          |
|          | 97                               |  |          |  |              | -        |  |               |                |          |
|          | 98                               |  |          |  |              |          |  |               |                |          |
|          | 99                               |  |          |  |              |          |  |               |                |          |
|          | 4.5.5                            | _  | _        | $\overline{}$                                    | -            | -        |  | $\overline{}$ |                |          |

| Claim |                                 | Date |  |              |          |   |          |          |   |                        |
|-------|---------------------------------|------|--|--------------|----------|---|----------|----------|---|------------------------|
| Final | Original                        |      |  |              |          |   |          |          |   |                        |
|       | 101                             |      |  |              |          |   |          |          |   |                        |
|       | 102<br>103                      |      |  |              | _        |   |          |          |   | -                      |
|       | 103                             |      |  | _            | $\vdash$ |   |          |          |   | _                      |
|       | 105                             |      |  | <u> </u>     | H        |   | -        |          |   |                        |
|       | 104<br>105<br>106               |      |  |              | ⊢        |   | -        |          |   | Н                      |
|       | 107                             |      |  | <del> </del> | ┢╌       |   | ┢        | 一        |   | Н                      |
|       | 107<br>108                      | -    |  |              | ┢┈       |   | $\vdash$ | $\vdash$ |   | Н                      |
|       | 109                             |      |  |              |          |   |          |          |   | П                      |
|       | 110                             |      |  |              |          |   |          |          |   |                        |
| _     | 111                             |      |  |              |          |   |          |          |   |                        |
|       | 110<br>111<br>112<br>113        |      |  |              |          |   |          |          |   |                        |
|       | 113                             |      |  |              |          |   |          |          |   |                        |
|       | 114                             |      |  |              |          |   |          |          |   |                        |
|       | 115<br>116<br>117               |      |  |              |          |   |          |          |   |                        |
|       | 116                             |      |  |              |          |   |          |          |   |                        |
|       | 117                             |      |  |              |          |   |          |          |   |                        |
|       | 118                             |      |  |              |          |   |          |          |   |                        |
|       | 119                             |      |  |              |          |   |          |          |   |                        |
|       | 120                             |      |  |              |          |   |          |          |   |                        |
| •     | 121                             |      |  | _            |          |   |          |          |   |                        |
|       | 119<br>120<br>121<br>122<br>123 |      |  |              |          |   | H        | <b></b>  |   | $\square$              |
|       | 123                             |      |  |              |          |   |          |          |   | -                      |
|       | 124                             |      |  | _            |          |   |          |          |   |                        |
|       | 125<br>126                      |      |  | 1997         | 150      |   | -        |          |   |                        |
|       | 127                             |      |  | _            |          |   |          |          |   | $\dashv$               |
|       | 128                             |      |  |              |          |   |          |          | _ | $\dashv$               |
|       | 129                             |      |  |              |          |   |          |          |   | П                      |
|       | 130                             |      |  |              |          |   |          |          |   | П                      |
|       | 131                             |      |  |              |          |   |          |          |   |                        |
|       | 132                             |      |  |              |          |   |          |          |   |                        |
|       | 133                             |      |  |              |          |   |          |          |   |                        |
|       | 134                             |      |  |              |          |   |          |          |   |                        |
|       | 135                             |      |  | Ŀ            |          |   |          |          |   | Щ                      |
|       | 136                             |      |  |              | _        |   |          | _        |   | Щ                      |
|       | 137                             |      |  |              |          |   |          |          |   | $\vdash$               |
|       | 138                             |      |  | _            |          |   | _        |          |   | Н                      |
|       | 139<br>140                      |      |  | _            | Ŀ        | - | _        | <u> </u> |   | Н                      |
|       | 141                             |      |  | 5=5          |          |   |          |          | - |                        |
|       | 142                             |      |  | -            | -        |   | _        |          |   |                        |
|       | 143                             |      |  | $\vdash$     | $\vdash$ |   |          |          |   | $\vdash$               |
|       | 144                             | -    |  |              |          |   |          | _        | - | $\vdash$               |
|       | 145                             |      |  |              |          |   | $\vdash$ | -        |   | Н                      |
|       | 146                             |      |  |              |          |   |          |          |   | $\vdash \vdash \vdash$ |
|       | 147                             |      |  |              |          |   |          |          |   |                        |
|       | 148                             |      |  |              |          |   |          |          |   |                        |
| _     | 149                             |      |  |              |          |   |          |          |   |                        |
|       | 150                             |      |  |              |          |   |          |          |   |                        |
|       |                                 |      |  |              |          |   |          |          |   |                        |